

CLASSIFICATION: UNCLASSIFIED

<b>BUDGET ITEM JUSTIFICATION SHEET</b>											<b>DATE:</b> <b>FEBRUARY 2004</b>	
<b>P-40</b>												
APPROPRIATION/BUDGET ACTIVITY <b>Other Procurement, Navy</b> <b>BA-2: Communications and Electronic Eq</b>					P-1 ITEM NOMENCLATURE  <b>AN/SLQ-32(V) / 2312</b>							
Program Element for Code B Items:					Other Related Program Elements							
	FY 2002 and Prior	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Program
QUANTITY	0			0	0	0	0	0	0	0	0	0
COST (\$M)	5.7			1.8	22.3	18.7	22.0	27.9	25.2	21.4	contd	contd
Initial Spares (\$M)												
PROGRAM OVERVIEW: <b>PROGRAM DESCRIPTION/JUSTIFICATION:</b> The AN/SLQ-32(V) provides a family of modular shipborne electronic warfare equipment which is installed in most combatants, CV/CVN, amphibious ships and auxiliaries in the surface Navy. The system, which consists of five configurations, performs the mission of early detection, analyses, threat warning, and protection from anti-ship missiles. The Shipboard EW Improvement Program (SEWIP) will develop a modern, highly capable family of EW systems by block upgrade of the current AN/SLQ-32 system that are robust in detecting and countering today's and future threats and will extend the service of the AN/SLQ-32(V) systems presently installed on approximately 159 U.S. Navy ships.  FY 02 and prior: Procurement and installation of Field Change Kits for the Fleet Modernization Program (FMP).  TC055: Funding in FY03 - FY09 is for procurement of Engineering Change Proposals (ECPs)/Field Change Kits to ensure future tactical suitability and viability of the AN/SLQ-32(V) and to address obsolescence and diminishing material source issues. Field Change Kits consist of: Digital Radio Frequency Memory Units (DRFMU), Deceptive Electronic Countermeasures/Decoy Integrations (DDI), Video Blanking, CFR Blanking, Sidekicks, Cartridge Tape Transport (CTT) replacement, Electromagnetic Interference (EMI) Fixes, AFT Facing Launchers, High Voltage Distribution Unit (HVDU) replacements, and (V)5 Pump & Motor ECP.  Funding in FY04 - FY09 for procurement of Small Ship Electronic Surveillance Systems (SSESM) . These are required to provide Specific Emitter Identification (SEI) capability to various ships/ship classes.  FY08 - FY09 for procurements of High Gain High Sensitivity (HGHS) capability to improve situational awareness and threat warning.  Funding in FY04 - FY09 for procurement of Improved Control and Display (ICAD) consoles for the AN/SLQ-32(V). ICAD replaces the current Display Control Console (DCC) with a UYQ-70 console. ICAD is a low-risk improvement that provides the EW operator with the tools necessary to improve tactical performance, situational awareness and battle readiness. FY 04 includes Congressional Plus-up for development of IETMs for ICAD.  Funding in FY04-FY09 for procurement of Electronic Surveillance Enhancement (ESE) kits for the AN/SLQ-32(V). ESE replaces the Digital Processing Unit and Digital Tracking Unit with a modern computer structure. This enhanced functionality increases Anti-Ship Missile Defense (ASMD) capabilities by increasing the probability of correct identification of threats. TC5IN: Shipboard installation of ECP/Field Changes (including ESE), SSESM, and ICAD. TC6IN: Installation of ECP/Field Changes (including ESE), SSESM, and ICAD at shore sites.												

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: FEBRUARY 2004			
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-2: Communications and Electronic Eq							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD N/SLQ-32(V) / 2312 SUBHEAD: A2T								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
							FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	SPONSOR N76															
TC055	Equipment ECP/FIELD CHANGE KITS	A							833			4,091			3,765	
TC055	Small Ship ESM systems (SSESM) Production Support SSESM	B								13	325	4,225 330	10	325	3,250 287	
TC055	SEI/High Gain High Sensitivity (HGHS)	B														
TC055	ICAD Production Support ICAD Logistics Support ICAD	B								10	260	2,600 386 2,967	14	260	3,640 419	
TC055	ESE Production Support ESE	B								20	202	4,040 341	20	202	4,040 287	
TC5IN	FMP INSTALLATIONS								949			3,178			2,952	
TC6IN	NON-FMP INSTALLATIONS								0			104			88	
									1,782	43		22,262	44		18,728	

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<b>BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)</b>					<b>Weapon System</b>		<b>A. DATE</b> <b>FEBRUARY 2004</b>			
<b>B. APPROPRIATION/BUDGET ACTIVITY</b> OTHER PROCUREMENT, NAVY BA-2: Communications and Electronic Eq					<b>C. P-1 ITEM NOMENCLATURE</b> AN/SLQ-32(V) / 2312				<b>SUBHEAD</b> A2TC	
<b>Cost Element/ FISCAL YEAR</b>	<b>QTY</b>	<b>UNIT COST (000)</b>	<b>LOCATION OF PCO</b>	<b>RFP ISSUE DATE</b>	<b>CONTRACT METHOD &amp; TYPE</b>	<b>CONTRACTOR AND LOCATION</b>	<b>AWARD DATE</b>	<b>DATE OF FIRST DELIVERY</b>	<b>SPECS AVAILABLE NOW</b>	<b>IF NO WHEN AVAILABLE</b>
<b><u>FISCAL YEAR 04</u></b>										
SSESM	13	325	NRL	11/03	FFP	ITT Industries	1/2004	6/04	YES	
ICAD	10	260	NAVSEA	N/A	FFP	LM -Eagan	7/04	2/05	YES	
ESE	20	202	NSWC Crane	4/02	FFP	Northrop Grumman	6/04	9/04	YES	
<b><u>FISCAL YEAR 05</u></b>										
SSESM	10	325	NAVSEA	TBD	FFP	GD AIS	12/04	5/05	YES	
ICAD	14	260	NAVSEA	N/A	FFP	LM -Eagan	12/04	10/05	YES	
ESE	20	202	NSWC Crane	4/02	FFP	Northrop Grumman	1/05	4/05	YES	
<b>D. REMARKS</b>										

P3A

**INDIVIDUAL MODIFICATION**MODELS OF SYSTEM AFFECTED: AN/SLQ-32(V)TYPE MODIFICATION: ECPs/SARsMODIFICATION TITLE: Various

## DESCRIPTION/JUSTIFICATION:

Funding is for Surface Electronic Warfare Improvements to AN/SLQ-32(V) . Procurement and installation of improvements is necessary to ensure future mission tactical suitability and viability for SLQ-32(V).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: BLOCK 1A:ESE(DT/OA:2QFY04) ICAD (DT/OA:1Q-3QFY04,OT:1QFY05)FY 2002  
and Prior

FY 2003

FY 2004

FY 2005

FY 2006

FY 2007

FY 2008

FY 2009

TC

TOTAL

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## FINANCIAL PLAN (IN MILLIONS)

<b><u>RDT&amp;E</u></b>	0	182.0	0		0	36.5	0	43.6	0	25.8	0	14.5	0	10.5	0	19.4	0	19.1		Cont.		351.4
<b><u>PROCUREMENT</u></b>																						
INSTALLATION KITS NONRECURRING																						0.0
EQUIPMENT - SSES							13	4.2	10	3.3	14	4.6	18	5.9	15	4.9	1	0.3			71	23.1
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGES		1.0				0.8		4.1		3.8		2.9		3.6		3.7		5.2				24.0
UNIT COST DATA FOR EQUIPMENT																						0.0
TRAINING EQUIPMENT																						0.0
SUPPORT EQUIPMENT																						0.0
OTHER - ICAD							10	2.6	14	3.6	17	4.4	15	3.9	12	3.1	8	2.3		Cont	76	20.0
OTHER - ESE							20	4.0	20	4.0	27	5.5	44	8.9	38	7.7				Cont	149	30.1
OTHER - SEI/HGHS															1	1.3	8	10.3		Cont	9	11.6
LOGISTICS SUPPORT								3.0														3.0
PRODUCTION ENGINEERING								1.1		1.0		1.1		1.0		1.1		0.8				6.0
INTERIM CONTRACTOR SUPPORT																						
PROCUREMENT COST		1.0	0	0.0	0	0.8	43	19.0	44	15.7	58	18.4	77	23.2	66	21.7	17	18.9		0.0	305	117.8
INSTALL COST (Includes FMP & Non-FMP)		4.7		0.0		0.9		3.3		3.0	0	3.6		4.7	0	3.5		2.4				26.2
TOTAL PROGRAM		5.8		0.0		1.8		22.3		18.7		22.0		27.9		25.2		21.4				144.0

P3A (Continued)

INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED:AN/SLQ-32A(V)2, A(V)3

MODIFICATION TITLE:Small Ship Electronic Surveillance Systems (SSES)

INSTALLATION INFORMATION:  
METHOD OF IMPLEMENTATION:SHIPALT/AIT  
ADMINISTRATIVE LEADTIME:1 Month

PRODUCTION LEADTIME:4 Months

CONTRACT DATES:  
DELIVERY DATE:FY 2002:

FY 2002:

FY 2003:

FY 2003:

FY 2004:Jan-04  
FY 2004:Jun-04

FY 2005:Dec-04  
FY 2005:May-05

(\$ in Millions)

Cost:	FY 2001 and Prior		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total	
	Qty	\$		\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																						
FY 2001 AND PRIOR																					0	0.00
FY 2002 EQUIPMENT																					0	0.00
FY 2003 EQUIPMENT																					0	0.00
FY 2004 EQUIPMENT							13	0.71													13	0.71
FY 2005 EQUIPMENT									10	0.29											10	0.29
FY 2006 EQUIPMENT											14	0.43									14	0.43
FY 2007 EQUIPMENT													18	0.85							18	0.85
FY 2008 EQUIPMENT															15	0.85					15	0.85
FY 2009 EQUIPMENT																	1	0.79			1	0.79
TO COMPLETE **																			Cont		71	3.92

INSTALLATION SCHEDULE:

SHIP AVAILABILITIES

	FY2002 AND PRIOR	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
IN								6	7			6	4			4	5	5			6	6	6			5	5	5			71
OUT								6	7			6	4			4	5	5			6	6	6			5	5	5			71

P3A (Continued)

## INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: AN/SLQ-32A(V)1,A(V)2MODIFICATION TITLE: Improved Control and Display (ICAD)

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: SHIPALT/AITADMINISTRATIVE LEADTIME: 3 MonthsPRODUCTION LEADTIME: 7 MonthsCONTRACT DATES: FY 2002: FY 2003: FY 2004: July 2004FY 2005: December 2004DELIVERY DATE: FY 2002: FY 2003: FY 2004: February 2005FY 2005: October 2005

(\$ in Millions)

Cost:	FY 2001 and Prior		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total	
	Qty	\$		\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																						
FY 2001 AND PRIOR																					0	0.00
FY 2002 EQUIPMENT																					0	0.00
FY 2003 EQUIPMENT																					0	0.00
FY 2004 EQUIPMENT									9	1.33											9	1.33
FY 2005 EQUIPMENT											13	1.9									13	1.90
FY 2006 EQUIPMENT													15	2.16							15	2.16
FY 2007 EQUIPMENT															9	1.29					9	1.29
FY 2008 EQUIPMENT																	7	1.02			7	1.02
FY 2009 EQUIPMENT																			7	1.82	7	1.82
TO COMPLETE **																			Cont		60	9.52

NOTE: QUANTITIES DIFFER FROM P-5 BECAUSE OF INSTALLATIONS AT SHORE SITES (17).

INSTALLATION SCHEDULE: SHIP AVAILABILITIES

	FY2002 AND PRIOR	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
IN										5	4			7	6			8	7			5	4			4	3			7	60
OUT											5	4			4	5	4		4	4	4	3		3	2	2	2			7	60

P3A (Continued)

## INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: AN/SLQ-32A(V)2, A(V)3 MODIFICATION TITLE: High Gain High Sensitivity

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION: SHIPALT/AIT  
 ADMINISTRATIVE LEADTIME: 3 Months

PRODUCTION LEADTIME: TBD

CONTRACT DATES: FY 2002: \_\_\_\_\_ FY 2003: \_\_\_\_\_ FY 2004: \_\_\_\_\_ FY 2005: \_\_\_\_\_  
 DELIVERY DATE: FY 2002: \_\_\_\_\_ FY 2003: \_\_\_\_\_ FY 2004: \_\_\_\_\_ FY 2005: \_\_\_\_\_

(\$ in Millions)

Cost:	FY 2001 and Prior		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total	
	Qty	\$		\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																						
FY 2001 AND PRIOR																					0	0.00
FY 2002 EQUIPMENT																					0	0.00
FY 2003 EQUIPMENT																					0	0.00
FY 2004 EQUIPMENT																					0	0.00
FY 2005 EQUIPMENT																					0	0.00
FY 2006 EQUIPMENT																					0	0.00
FY 2007 EQUIPMENT																					0	0.00
FY 2008 EQUIPMENT															1	0.05					1	0.05
FY 2009 EQUIPMENT																	8	0.36			8	0.36
TO COMPLETE **																			Cont		9	0.41

NOTE: FY04 & FY05 QUANTITIES DIFFER FROM P-5 BECAUSE OF INSTALLATIONS AT SHORE SITES (2).

## INSTALLATION SCHEDULE: SHIP AVAILABILITIES

	FY2002 AND PRIOR	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
IN																															9
OUT																															9